

**Citrobacter freundii, Strain GED7749C**

**Catalog No. HM-1280**

**Product Description:**

*Citrobacter freundii* (*C. freundii*), strain GED7749C is a vaginal isolate obtained in 2014 from a pregnant woman in St. Louis, Missouri, USA. HM-1280 was produced by inoculation of BEI Resources seed lot 70006589 into Nutrient broth and incubated for 1 day at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>. Broth inoculum was added to Nutrient agar kolles, which were grown for 1 day at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Note: Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

**Lot: 70056677**

**Manufacturing Date: 16NOV2022**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology  Motility (wet mount)	Gram-negative rods Report results  Report results	Gram-negative rods Circular, convex, entire, smooth and cream Motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (965 base pairs)	≥ 99% sequence identity to <i>C. freundii</i> , strain GED7749C (GenBank: LRPR01000003.1)	99.7% sequence identity to <i>C. freundii</i> , strain GED7749C (GenBank: LRPR01000003.1) <sup>1</sup>
<b>Purity (post-freeze)</b> 7 days at 37°C in an aerobic atmosphere with and without 5% CO <sub>2</sub> on Nutrient agar	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
<b>Viability (post-freeze)</b>	Growth	Growth

<sup>1</sup>Also consistent with other *Citrobacter* species.

/Sonia Bjorum Brower/  
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02 MAR 2023

Technical Manager or designee, ATCC Federal Solutions

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